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[Lightweight recoverable **virtual memory**- *uga.edu \(PDF\)](#)

M Satyanarayanan, HH Mashburn, P Kumar, DC Steere, ... - ACM Transactions on Computer Systems (TOCS), 1994 - portal.acm.org

... University Recoverable **virtual memory** refers to regions of a **virtual address** space on which transactional guarantees are offered. ...

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[\[PDF\] *Mach: A new kernel foundation for UNIX development](#)

M Accetta, R Baron, W Bolosky, D Golub, R Rashid, ... - contract - cse.nd.edu

... These include a **virtual address** space and a set of port rights. ... for writing will be copied and the copy placed instead into A's **virtual memory table**. ...

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[\[BOOK\] Koan: a shared **virtual memory** for the ipsc/2 hypercube- *kfupm.edu.sa \(PDF\)](#)

Z Lahjomri, T Priol - 1991 - Springer

... Each processor has partial knowledge for every page of the **virtual address** space. ... as well as the resulting matrix are stored in the shared **virtual memory**. ...

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[The duality of memory and communication in the implementation of a multiprocessor operating system- *utoronto.ca \(PDF\)](#)

M Young, A Tevanian, R Rashid, D Golub, J Eppinger - Proceedings of the eleventh ACM Symposium on Operating ..., 1987 - portal.acm.org

... Tasks may allocate memory regions anywhere within the **virtual address** space defined by ... vm stats) - Return \$staffstic\$ about this task's use of **virtual memory**. ...

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[Active pages: A computation model for intelligent memory- *psu.edu \(PDF\)](#)

M Oskin, FT Chong, T Sherwood - ACM SIGARCH Computer Architecture News, 1998 - portal.acm.org

... Our global **virtual address** space implies that some Active- Page functions may ... applications and will greatly simplify future work in paging and **virtual memory**. ...

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From RIG to Accent to Mach: the evolution of a network operating system- [*harvard.edu \(PDF\)](#)

RF Rashid - Proceedings of 1986 ACM Fall joint computer conference table ..., 1986 - [portal.acm.org](#)

... I Support for large, sparse **virtual address** spaces, copy-on-write virtual copy ... Accent maintains a **virtual memory table** for each user process and for the ...

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Method for the dynamic allocation of page sizes in **virtual memory**

JB Kline, D Wagner, AK Ezzat - US Patent 5,802,341, 1998 - [Google Patents](#)

... is a drawing illustrative of a **virtual memory table** 30 must ... 84 and there is not enough **virtual address**. ... to accommodate the request, A **virtual memory** with more ...

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... interface enabling application programs to control allocation of physical memory in a **virtual memory** ...

CG Eisler, GE Engstrom - US Patent 6,128,713, 2000 - [Google Patents](#)

... a paged virtual mem Tfae remaini 12 bits of the **virtual address** (11 memory ... the page offset from the program is an address in **virtual memory table** or memory ...

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[PDF] [*Trojan: A high-performance simulator for shared memory architectures](#)

D Park, RH Saavedra - ANNUAL SIMULATION SYMPOSIUM, 1996 - [CiteSeer](#)

... In the memory module, however, the **virtual address** is used to access a ... In this section, we discuss the performance of Trojan with and without **virtual memory**. ...

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Flexible expansion of **virtual memory** addressing

DR Johnson, WD Ward - US Patent 5,732,404, 1998 - [Google Patents](#)

... and most recently, to 64 bits, the size of **virtual address** space **Virtual memory** is also being incorporated into parallel 35 has increased accordingly, from 2^{**8} ...

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Method apparatus and system for managing **virtual memory** with virtual-physical mapping

TM Long, MJ Webb, C Amies - US Patent 6,393,545, 2002 - [Google Patents](#)

... address (880) using a hash function to produce an index into the **virtual memory table**. 19 Claims, 135 Drawing Sheets From IIS or RO **Virtual Address** |32 Virtual ...

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Application binary interface and method of interfacing binary application program to digital ...

JS Zucker - US Patent 5,822,787, 1998 - [Google Patents](#)

Page 1. United States Patent Zucker US005822787A [ii] Patent Number: [45]

Date of Patent: 5,822,787 Oct. 13, 1998 [54] APPLICATION ...

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Method and system for restoring the state of physical memory as the focus changes among application ...

GE Engstrom, CG Eisler - US Patent 6,247,042, 2001 - Google Patents

... The remaining 12 bits of the **virtual address** (11 ... P bit) is set to 1 only when the page offset from the program is an address in **virtual memory table** or memory ...

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LISTAR: Lincoln Information Storage and Associative Retrieval system

A Armenti, S Galley, R Goldberg, J Nolan, A Sholl - Proceedings of the May 5-7, 1970, spring joint computer ..., 1970 - portal.acm.org

... entry" manage- ment, consisting "of assigning and updating a **virtual address** to an ... A table called the "**virtual memory table**" (VM table) is maintained in LISTAR ...

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Experiences with the Accent Network Operating System

RF Rashid - Proc. Int. Seminar on Networking in Open Systems - Springer

... Each entry of an Accent **virtual memory table** maps a ... Figure 4-1 : Mapping a **virtual address** in Accent The Accent process **virtual memory** map is maintained as a ...

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[CITATION] Fast Communication in Distributed Systems Using the Networked **Virtual Memory** System

M Morris, A Jinzaki, T Ninomi, Y Ageno, S ... - IEEE Computer Society TCCA Newsletter, 1993

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A Case Study of Improving Memory Locality In Polygonal Model Simplification: Metrics and Performance- [*ubc.ca \[PDF\]](#)

V Salamon, P Lu, B Watson, D Brodsky, D Gomboc - Lecture notes in computer science, 2001 - Springer

... A scatter plot of the **virtual address** of each memory access versus the times ... These data structures require a lot of **virtual memory** (Table 1). The blocks of ...

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Methods and systems for extending an application's address space

TE Stonecypher - US Patent 6,832,295, 2004 - Google Patents

... data structures and the file system cache. The remainder of the **virtual address** space may be used for application **virtual memory**. ...

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[pdf] [*Is Windows XP Professional x64 Edition Right for Me?](#)

C Russel - download.microsoft.com

... completeness. Most of us can happily ignore them and focus on two types: physical memory and total **virtual address** space (**virtual memory**). ...

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Secure computing device including **virtual memory table** look-aside buffer with non-relocatable page ...

FL Laczko, DE Steiss - US Patent App. 09/827,851, 2001 - Google Patents

... 30,2001 (54) SECURE COMPUTING DEVICE INCLUDING **VIRTUAL MEMORY TABLE** LOOK-ASIDE BUFFER WITH ... table look- aside buffer having a fixed **virtual address** register and ...

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Virtual to physical memory mapping in network interfaces

J Beecroft, D Hewson, M McLaren - US Patent App. 10/712,218, 2003 - Google Patents

... processor and is able to interrogate the host processor's **virtual memory table**, so as to ... that is a compression of a conventional 32 bit **virtual address** but is ...

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Fast paging of a large memory block

GF McBrearty, MD Rogers - US Patent App. 10/687,252, 2003 - Google Patents

... Typically, to swap a page of memory, the **virtual address** referring to the ... In particular, through **virtual memory table** 40, RAM 24 is expanded via disk space 26 ...

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[PDF] •An operating system structure for wide-address architectures

JS Chase - 1995 - CiteSeer

... addresses. Most **virtual memory** operating systems use the processor's **virtual address** space independently for each executing program. ...

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